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# *Kai Tak Development Transformation of a Former Airport*



Civil Engineering and Development Department, HKSARG

[www.ktd.gov.hk](http://www.ktd.gov.hk)



# The Former Airport - Kai Tak



Hong Kong International Airport since 1998

Kai Tak, the former airport decommissioned in 1998





# Kai Tak Development

- Total project cost: HK\$100B (£8B)
- Spent today: HK\$13B (£1B)
- Non-domestic GFA: 2 million m<sup>2</sup>  
(Canary Wharf: 1.3 million m<sup>2</sup>)
- Resident population: 89,800
- Working population: 86,000



Canary Wharf, Isle of Dogs  
(110 hectares)



Kai Tak Development  
(320 hectares)



# Some Major Projects

**Kai Tak River**

**Lung Tsun  
Stone Bridge  
Preservation  
Corridor**

**Multi-purpose  
Stadium  
Complex**

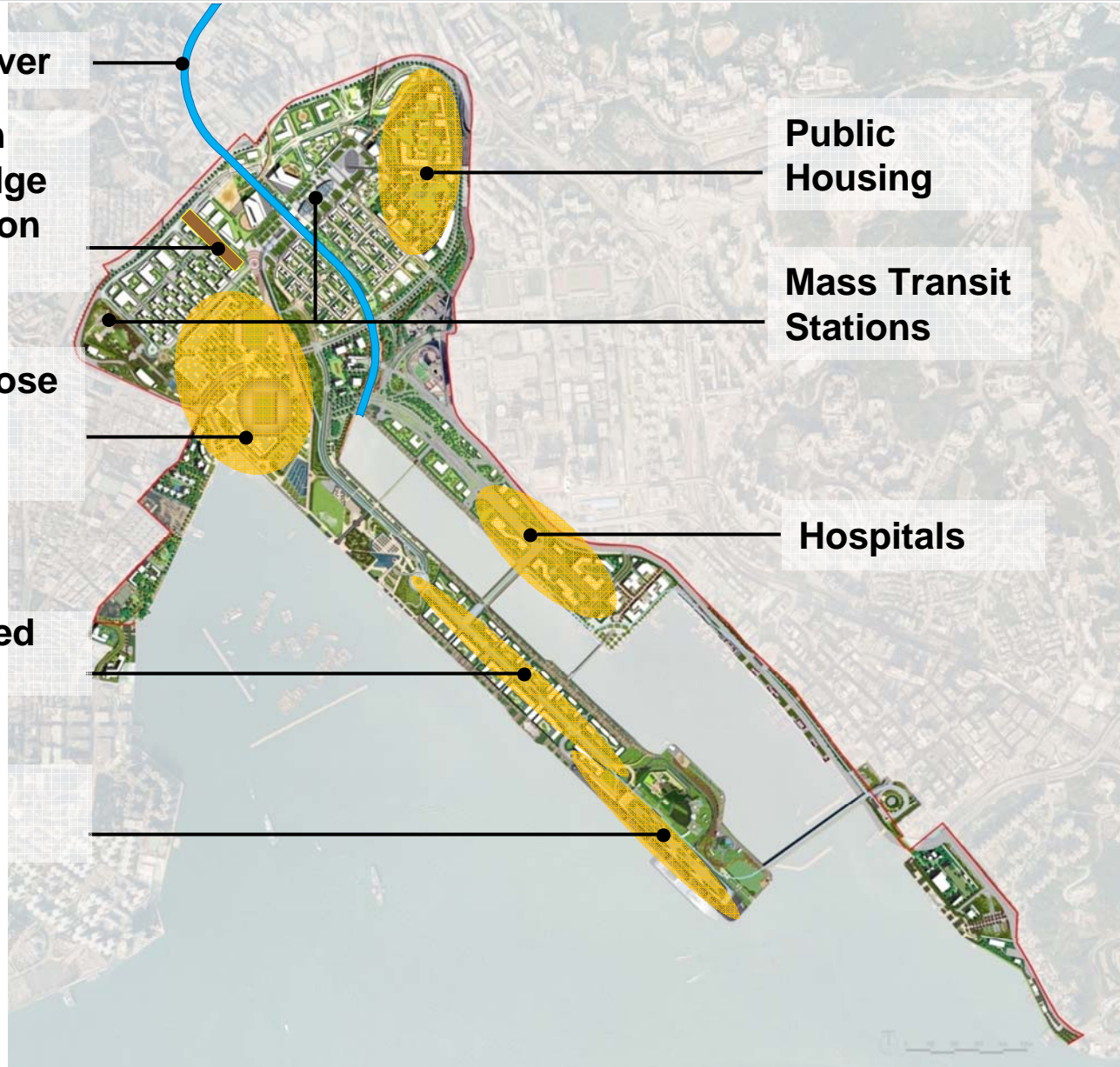
**Landscaped  
Deck**

**Cruise  
Terminal**

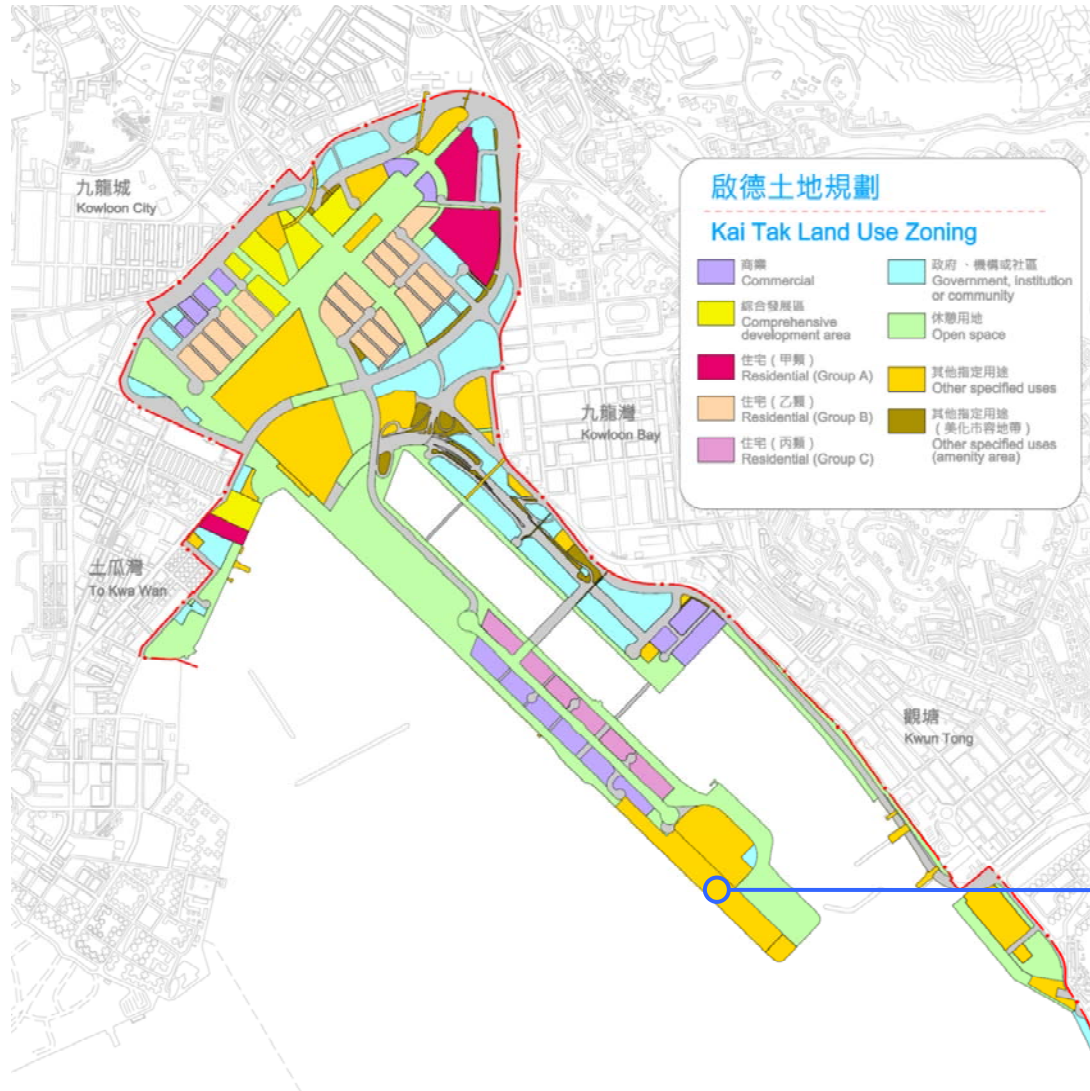
**Public  
Housing**

**Mass Transit  
Stations**

**Hospitals**



# Cruise Terminal



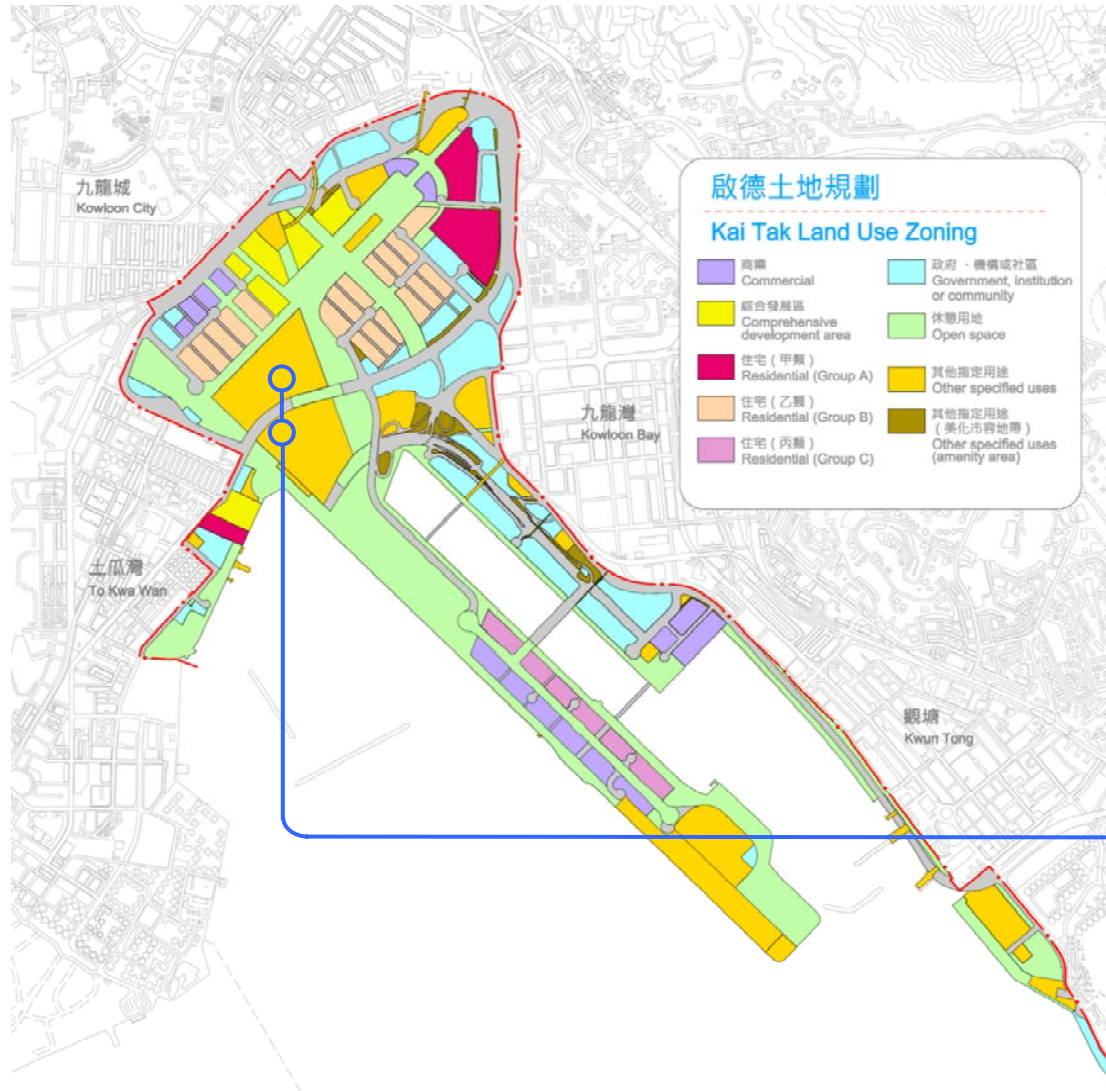
- Design by Lord Norman Foster
- To accommodate the biggest vessel in the world (displacement of 110,000 tonnes)
- HK\$8.2B (£650M)
- Under construction
- Commissioning in 2013



Artist's impression



# Multi-purpose Stadium Complex

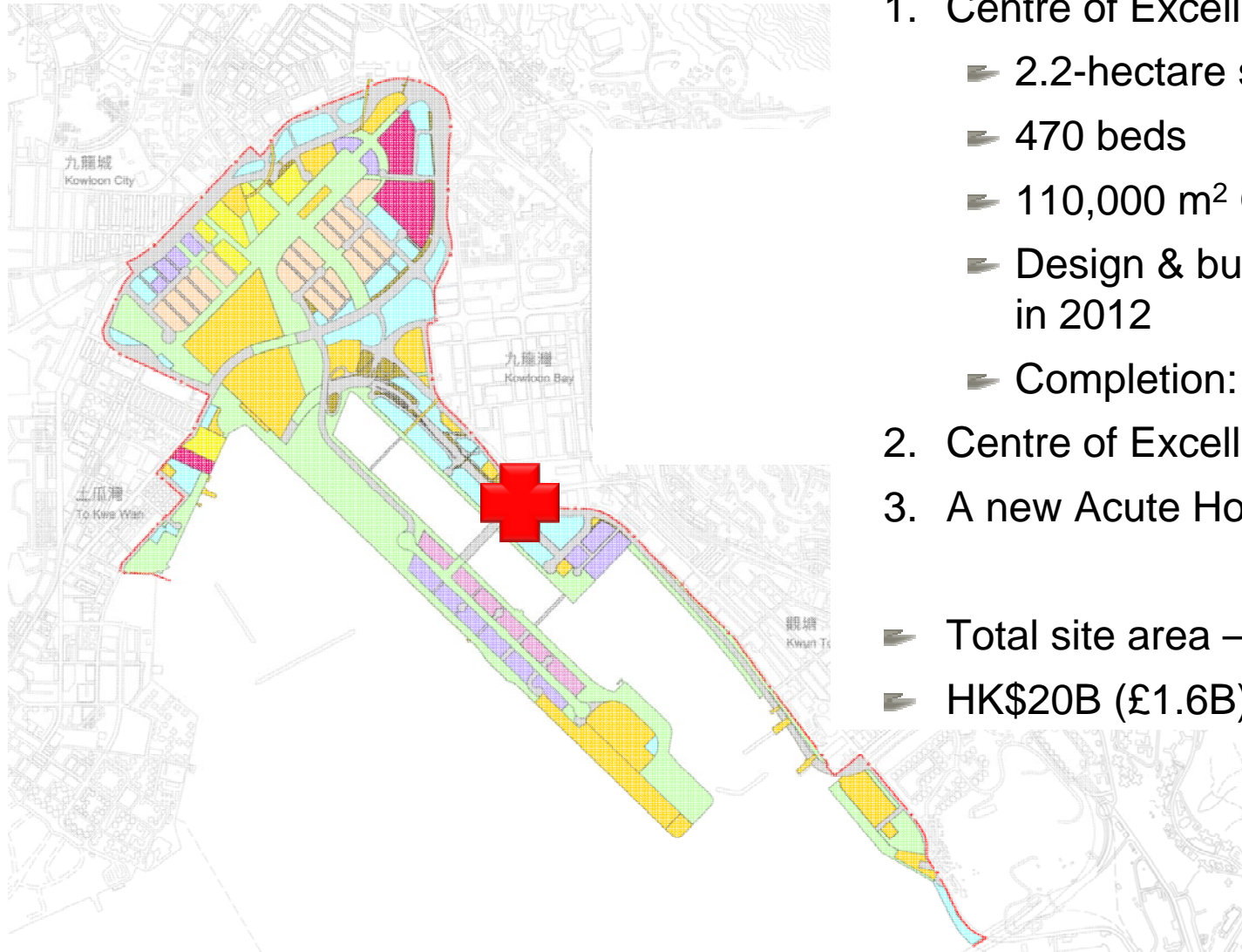


- 45,000-seat Main Stadium
- 5,000-seat Secondary Stadium
- 4,000-seat Indoor Arena
- 20-hectare site
- HK\$20B (£1.6B)
- Completion: 2019 tentatively



Artist's impression

# Hospitals



1. Centre of Excellence in Paediatrics
  - 2.2-hectare site
  - 470 beds
  - 110,000 m<sup>2</sup> Gross Floor Area
  - Design & build contract tendering in 2012
  - Completion: 2016 tentatively
2. Centre of Excellence in Neuroscience
3. A new Acute Hospital
  - Total site area – 7 hectares
  - HK\$20B (£1.6B)



# Environmental Initiatives

## 1 Environmental Friendly Linkage System

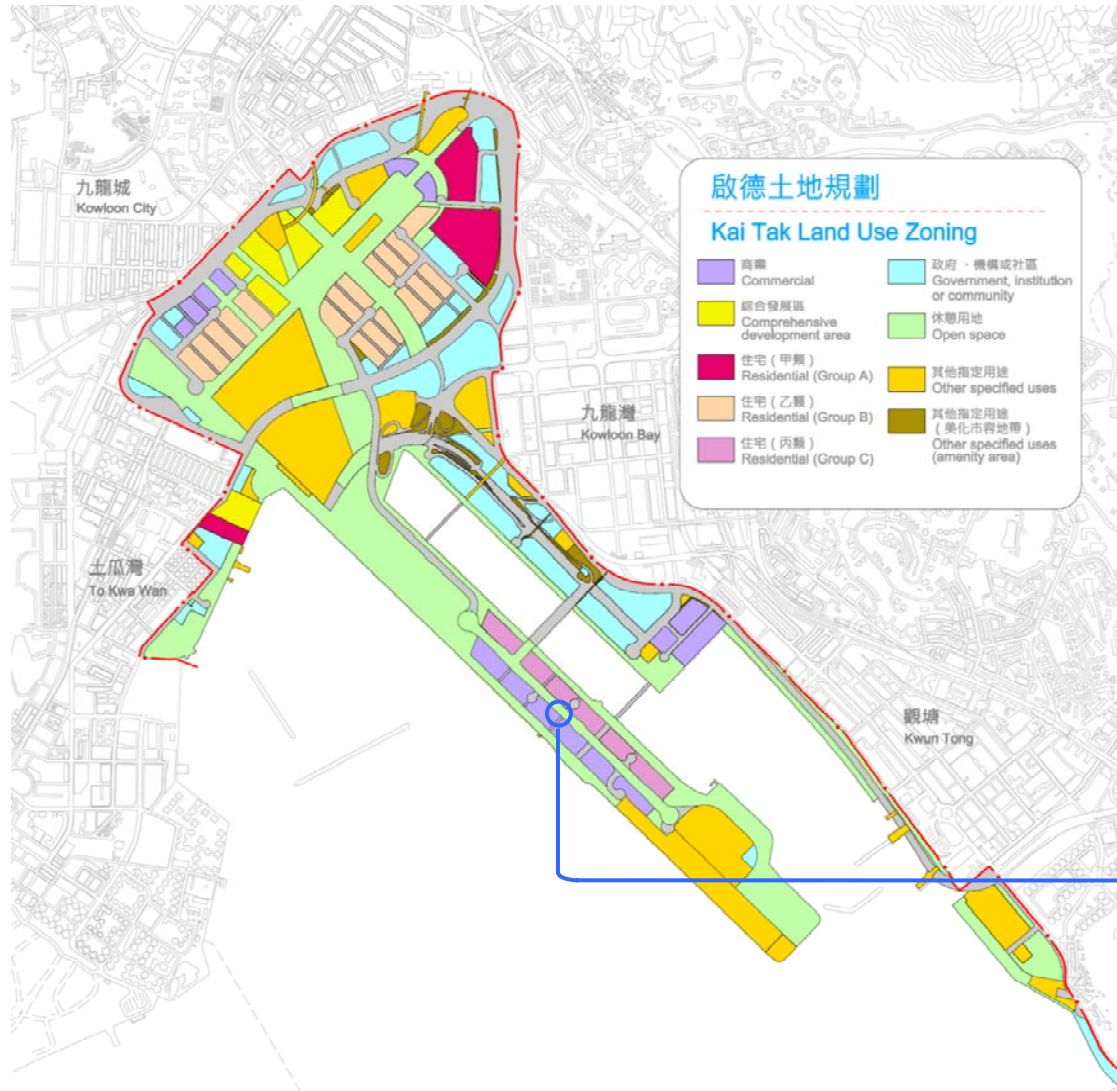


- Feasibility being studied
- Extension beyond Kai Tak to adjacent hinterland
- Implementation and operation mode to be determined
- HK\$10B (£800M)
- Completion: 2021 tentatively

## 2 District Cooling System

- First of its kind in Hong Kong
- For non-domestic buildings
- Phase 1 completion: 2013 (under construction)
- Over 5 km long pipework of other phases - HK\$1.8B (£140M)

# Landscaped Deck at Runway Precinct



- Possible open design competition in 2012
- 17 m width, 1.5 km long
- HK\$1B (£80M)
- Completion: 2017 tentatively



Artist's impression



# Kai Tak River



- Possible design competition on landscape treatment
- About 2.4 km long
- Green river corridor
- HK\$1B (£80M)
- Tendering in 2012 on civil works
- Completion: 2017 tentatively



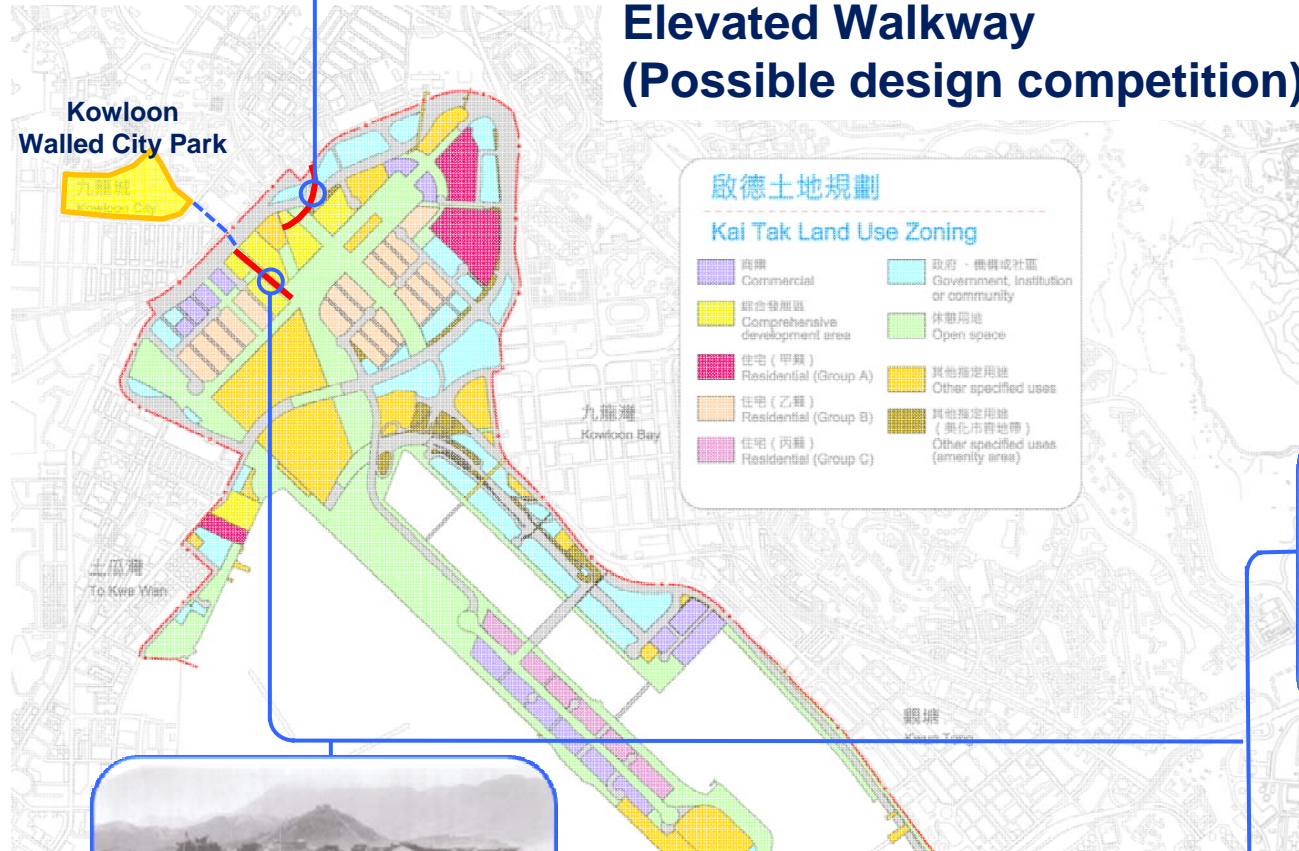
Artist's impression



# Lung Tsun Stone Bridge Preservation Corridor / Curvilinear Landscaped Elevated Walkway



## Curvilinear Landscaped Elevated Walkway (Possible design competition)



## Lung Tsun Stone Bridge Preservation Corridor (Possible design competition)



Artist's impression





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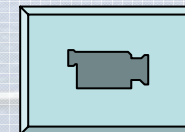


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Kai Tak Development.







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